



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111135

Mode: Highway

Status: Submitted

SR-1540 (Wilson Road)

From/Cross Street: SR 1504 (Old US 64)

Specific Improvement Type: 16 - Modernize Roadway

To: US 276

Project Category: Division Needs

Length: 3.67

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$12,084,000

Description:

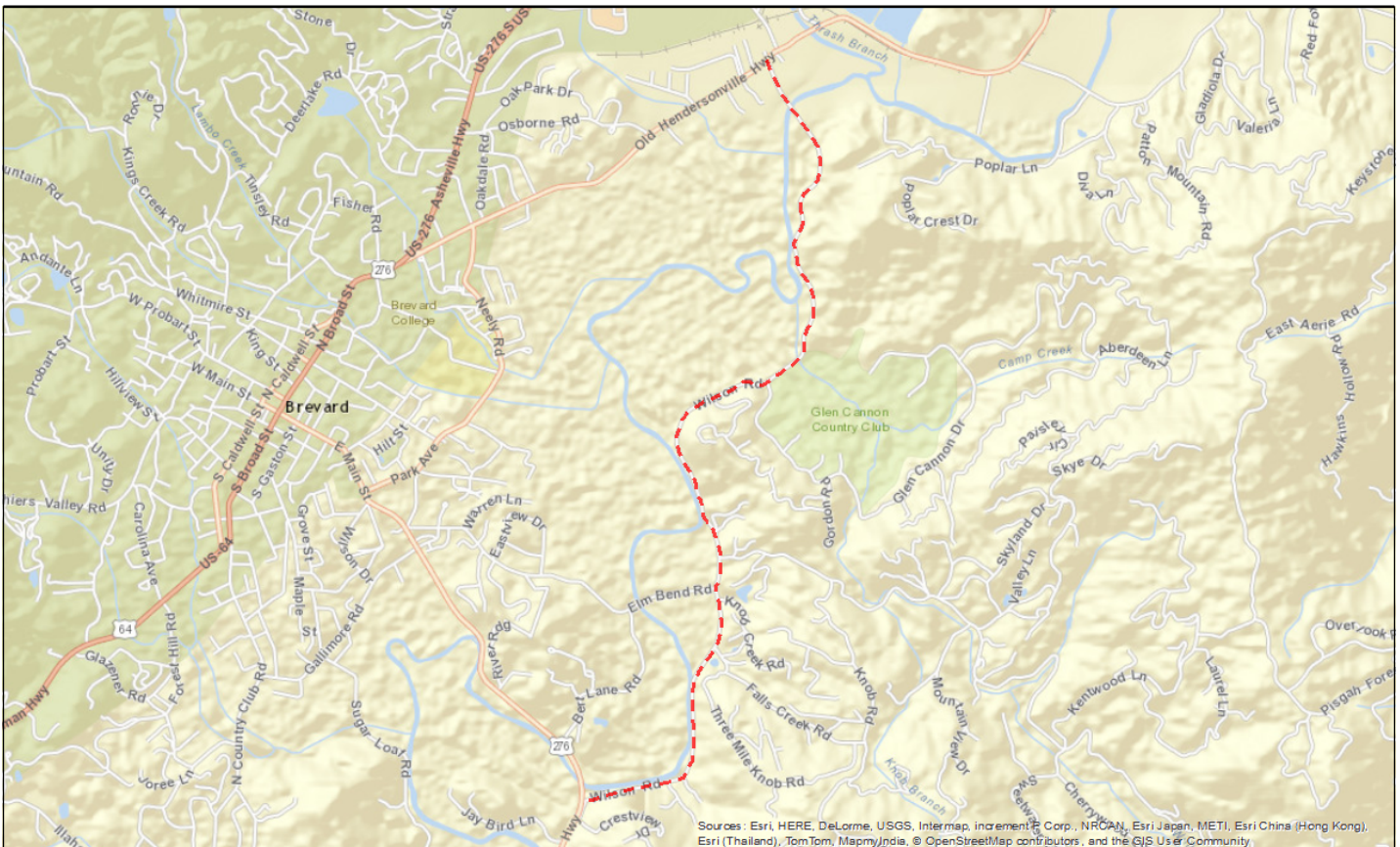
Upgrade Roadway. Proposed Typical Is 20' Paved Roadway with 6' Grass Shoulders. Current Typical Is Two Lane 18' Paved Roadway with 4' Grass Shoulders

Division(s): Division 14

County(s): TRANSYLVANIA

MPOS(s)/RPO(s): Land-of-Sky RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 33.89

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 11.44 Safety (10%) 66.02 [Travel Time] Benefit/Cost (20%) 0.00 Totals: Weight: 50% Weighted Score: 8.89	Percent: 25% Points: 0	Percent: 25% Points: 100

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	40
Length (miles):	3.67
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Mountainous
Lane Width:	9
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	2725.15
Capacity:	15800
Volume/Capacity Ratio:	0.17
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	85.48
Crash Severity:	67.57
Critical Crash Rate:	45.04
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	85
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	
Speed Limit:	40
Length (miles):	3.67
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
TerrainType:	Mountainous
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 14

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 14	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Land-of-Sky RPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$12,084,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$12,084,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$12,084,000	